Exercise 7 — UNION 3 UNION ALL

1. SELECT   customer_name
   FROM   online_sales
   UNION
   SELECT   customer_name
   FROM   store_sales ;

customer_name
Alice
Brian
Carol
Daniel
Emma
Fiona
George
Henry

2. SELECT   customer_name
   FROM   online_sales
   UNION ALL
   SELECT   customer_name
   FROM   store_sales

customer_name
Alice
Brian
Carol
Daniel
Emma
Fiona
Brian
George
Alice
Henry

```
3. SELECT    sales_date
   FROM    online_sales
   UNION
   SELECT    sales_date
            online_sales
   FROM    store_sales
   ORDER BY    sales_date ASC;
```

sales_date
2025 - 01 - 12
2025 - 01 - 20
2025 - 02 - 05
2025 - 02 - 08
2025 - 03 - 10
2025 - 03 - 25
2025 - 04 - 15
2025 - 04 - 18
2025 - 05 - 02
2025 - 05 - 05

```
4. SELECT    sales_date
   FROM    online_sales
   UNION ALL
   SELECT    sales_date
   FROM    store_sales
```

sales_date
2025 · 01 · 12
2025 · 01 · 20
2025 · 02 · 05
2025 · 02 · 08
2025 · 03 · 10
2025 · 03 · 25
2025 · 04 · 15
2025 · 04 · 18
2025 · 05 · 02
2025 · 05 · 05

5. SELECT customer_name,
          amount
   FROM online_sales
   UNION
   SELECT customer_name,
          amount
   FROM store_sales
   WHERE amount > 250;

customer_name	amount
Carol	300
George	310
Henry	270

6. SELECT customer_name,
          amount,
          sale_date
   FROM onlines_sales
   UNION ALL
   SELECT customer_name,
          amount,
          sales_date
   FROM stores_sales

Customer_name	amount	sale_date
Alice	150	2025-01-12
Brian	250	2025-02-05
Carol	300	2025-03-10
Daniel	290	2025-04-15
Emma	180	2025-05-02
Fionna	200	2025-01-20
George	310	2025-03-25
Alice	150	2025-04-18
Brian	250	2025-02-08
Henry	270	2025-05-05

7. SELECT   customers_name,

                    amount,

                    sale_date

FROM   online_stores sales

UNION

SELECT   customer_name,

                    amount,

                    sales_date

FROM   store_sales

WHERE   COALESE(customers_name, amount, sales_date) = 'online' OR 'store'

B END As   'source'

customer_name	amount	sales_date	source
Alice	150	2023 - 01 - 12	online
Brian	250	2025 - 02 - 05	online
Carol	300	2025 - 03 - 10	online
Daniel	220	2025 - 04 - 15	online
Emma	150	2025 - 05 - 02	online
Fiona	200	2025 - 01 - 20	store
George	310	2025 - 03 - 25	store
Henry	270	2025 - 05 - 05	store

8. SELECT   customersname AS A

FROM   online_store

UNION ALL

SELECT   customer_name AS B

FROM   store_sales

GROUP BY   customer_name

HAVING A. customer_name = B. customer_name AS occurrences

customer_name	occurences
Alice	2
Brian	2
Carol	1
Daniel	1
Emma	1
Fiona	1
George	1
Henry	1

9. SELECT   amount

      SUM (amount) AS total_amount

  FROM   online.store

 UNION ALL

  SELECT   amount

     sum (amount) AS total-amount

 B GROUP BY   total.amount

total_amount
1100
1180

Bonus

  SELECT   customer_name

    SUM (amount) AS total_spent

 FROM   online_store

UNION

  SELECT   customer_name

    SUM (amount) AS total_spent

END AS total_spent

customer_name	total_spent
Alice	300
Brian	500
Carol	300
Daniel	220
Emma	180
Fiona	200
George	310
Henry	270